

5929304



FIG.2A



FIG.2B



FIG.2C



FIG.2D



FIG.2E

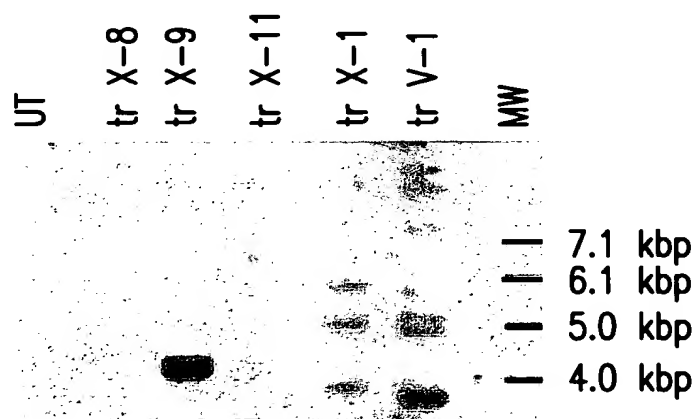


FIG.3

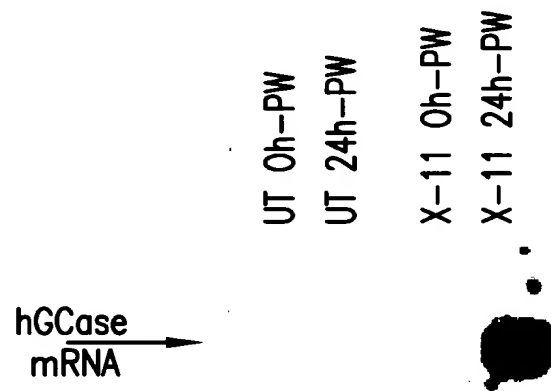


FIG.4

1 2 3 4 5 6 7 8



69 kD →

FIG. 5A

1 2 3 4 5 6 7 8



← 69 kD

FIG. 5B

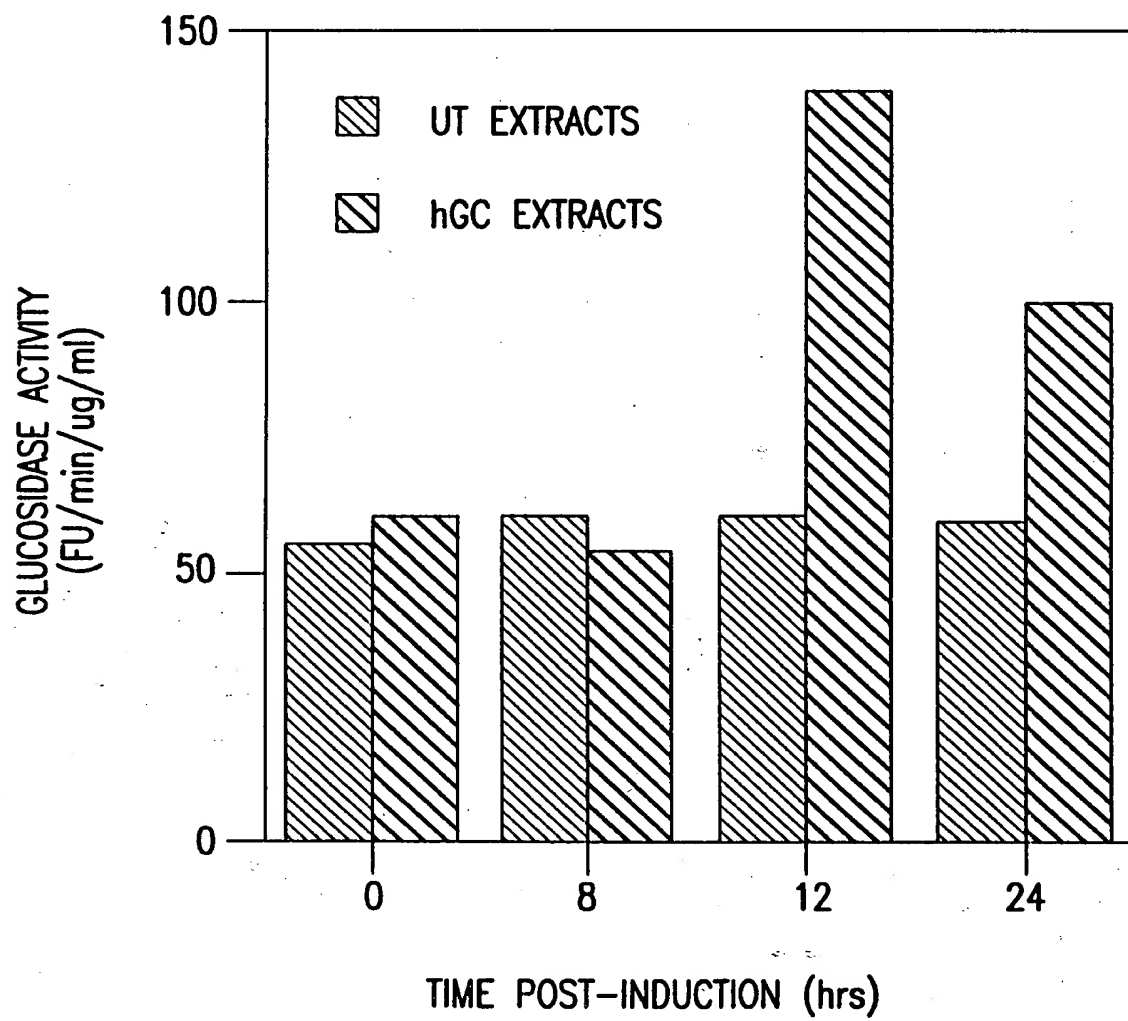


FIG.6

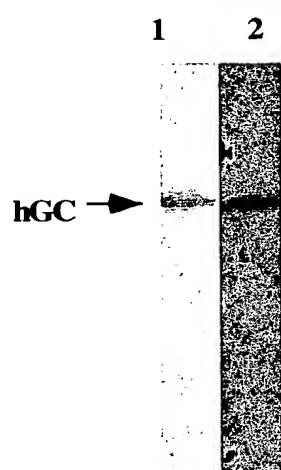


FIG.7A

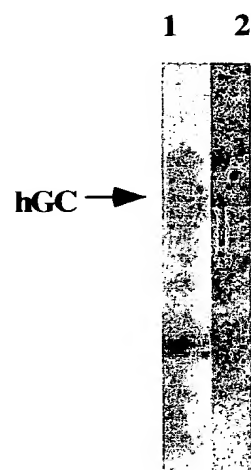


FIG.7B

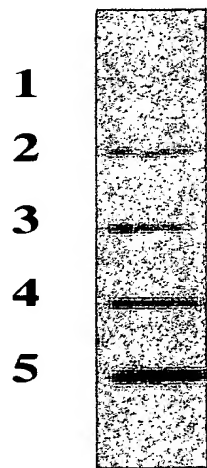


FIG. 8A



FIG. 8B



FIG. 8C

123 ATGGAGTT TTCAAGTCCT TCCAGAGAGG

151 AATGTCCCAA GCCTTTGAGT AGGTAAGCA TCATGGCTGG CAGCCTCACA

201 GGT TTGCTTC TACTTCAGGC AGTGTCGTGG GCATCAGGTG CCCGCCCTG

251 CATCCCTAAA AGCTTCGGCT ACAGCTCGGT GGTGTGTGTC TGCAATGCCA

301 CATACTGTGA CTCCTTTGAC CCCCCGACCT TTCCTGCCCT TGTACCTTC

351 AGCCGCTATG AGAGTACACG CAGTGGGCGA CGGATGGGGC TGAGTATGGG

401 GCCCATCCAG GCTAATCACA CGGGCACAGG CCTGCTACTG ACCCTGCAGC

451 CAGAACAGAA GTTCCAGAAA GTGAAGGGAT TTGGAGGGGC CATGACAGAT

501 GCTGCTGCTC TCAACATCCT TGCCCTGTCA CCCCCTGCC AAAATTGCT

551 ACTTAAATCG TACTTCTCTG AAGAAGGAAT CGGATATAAC ATCATCCGGG

601 TACCCATGGC CAGCTGTGAC TTCTCCATCC GCACCTACAC CTATGCAGAC

651 ACCCCTGATG ATTTCCAGTT GCACAACCTC AGCCTCCCAG AGGAAGATAC

701 CAAGCTCAAG ATACCCCTGA TTCACCGAGC CCTGCAGTTG GCCCAGCGTC

FIG. 9A

751 CCGTTTCACT CCTTGCCAGC CCCTGGACAT CACCCACTTG GCTCAAGACC
 801 AATGGAGCGG TGAATGGGA GGGTCACTC AAGGACAGC CCGAGACAT
 851 CTACCACCAG ACCTGGGCA GATACTTGT GAAGTTCCCTG GATGCCTATG
 901 CTGAGCACAA GTTACAGTTC TGGCAGTGA CAGCTGAAA TGAGCCTTCT
 951 GCTGGGCTGT TGAGTGGATA CCCCTTCCAG TGCCTGGGCT TCACCCCTGA
 1001 ACATCAGCGA GACTTCATTG CCCGTGACCT AGGTCCTACC CTCGCCAACA
 1051 GTACTCACCA CAATGTCCGC CTACTCATGC TGGATGACCA ACGCTTGCTG
 1101 CTGCCCCACT GGGCAAAGGT GGTA CTGACA GACCCAGAAG CAGCTAAATA
 1151 TGTTCATGGC ATTGCTGTAC ATTGTA CCT GGACTTTCTG GCTCCAGCCA
 1201 AAGCCACCCT AGGGAGACA CACCGCCTGT TCCCCAACAC CATGCTCTTT
 1251 GCCTCAGAGG CCTGTGTGG CTCCAAGTTC TGGGAGCAGA GTGTGCGGCT
 1301 AGGCTCCTGG GATCAGGGA TGCAGTACAG CCACAGCATC ATCAGGAACC
 1351 TCCTGTACCA TGTGGTCGGC TGGACCGACT GGAACCTTGC CCTGAACCCC

FIG.9B

1401 GAAGGAGGAC CCAATTGGGT GCGTAACTTT GTCGACAGTC CCATCATTTG
1451 AGACGTCACC AGGACACGT TTTACAAACA GCCCATGTTC TACCACCTTG
1501 GCCACTTCAG CAAGTTCATT CCTGAGGGCT CCCAGAGAGT GGGGCTGGTT
1551 GCCAGTCAGA AGAACGACCT GGACGCAGTG GCACTGATGC ATCCCGATGG
1601 CTCCTGCTGTT GTGGTCGTGC TAAACCGCTC CTC~~T~~AAGGAT GTGCCCTCTTA
1651 CCATCAAGGA TCCTGCTGTG GGCTTCCTGG AGACAATCTC ACCTGGCTAC
1701 TCCATT~~C~~CACA CCTACCTGTG GCGTCGCCAG aattcggact acaaggacga
1751 cgatgacaag tTGA

FIG.9C

1	50
MEFSSPSREE CPKPLSRVS IMAGSLTGLL LLQAVSWASG ARPCIPKSFG	
51	100
YSSVVCVCNA TYCDSFDPP TFPALGTF SR YESTRSGRRM ELSMGPIQAN	
101	150
HTGTGLLLTL QPEQKFQKV KGFGGAMTDA AALNILALSP PAQNLLLKSY	
151	200
FSEEGIGYNI IRVPMASCD FSIRTYTYAD TPDDFQLHNF SLPEEDTKLK	
201	250
IPLIHRALQL AQRPVSLLA SPWTSPTWLK TNGAVNGKGS LKGQPGDIYH	
251	300
QWARYFVKF LDAYAEHL QFWAVTAENE PSAGLLSGYP FQCLGFTPEH	
301	350
QRDFIARDLG PTLANSTHH NVRLMLDDQ RLLPHWAKV VLTDPEAAKY	
351	400
VHGI AVHWYL DFLAPAKAT LGETHRLFPN TMLFASEACV GSKFWEQSVR	
401	450
LGSWDRGMQY SHSIITNLL YHVVGWTDWN LALNPEGGPN WVRNFVDSP	
451	500
IVDVTKDTFY KQPMFYHLG HFSKF IPEG S QRVGLVASQK ND L DAVALMH	
501	550
PDGSAVVVVL NRSSKDVPL TIKDPAVGFL ETISPGYSIH TYLWRRQnsd	

ykdddk"

FIG.10

60
 CAATACGATA TTACCGAATA TTATACTAAA TCAAAATTTA ATTTATCATA TCGAATTATT
 120
 AACTGATAT TTCAAAATTT AATATTTAAT ATCTACTTC AACTATTATT ACCTAATTAT
 180
 CAAATGCAA ATGTATGAGT TATTTCATAA TAGCCCGAGT TCGTATCCAA ATATTTTACA
 240
 CTTGACCAGT CAACTTGACT ATATAAACT TTACTIONAA AATTAATAA AAAAAGAAAAG
 300
 TATATTATTG TAAAAGATAA TACTCCATTC AAAATATAA ATGAAAAAAG TCCAGCGCGG
 360
 CAACCGGGTT CCTCTATAAA TACATTTCCT ACATCTTCTC TTCTCCTCAC ATCCCATCAC
 420
 TCTTCTTTTA ACAATTATAC TTGTCAATCA TCAATCCCAC AAACAACACT TTTTCTCTCC
 471
 TCTTTTTCCT CACCGGGCGC AGACTTACCG GTGAAATCTA GAGTAAGCAT C

FIG. 11

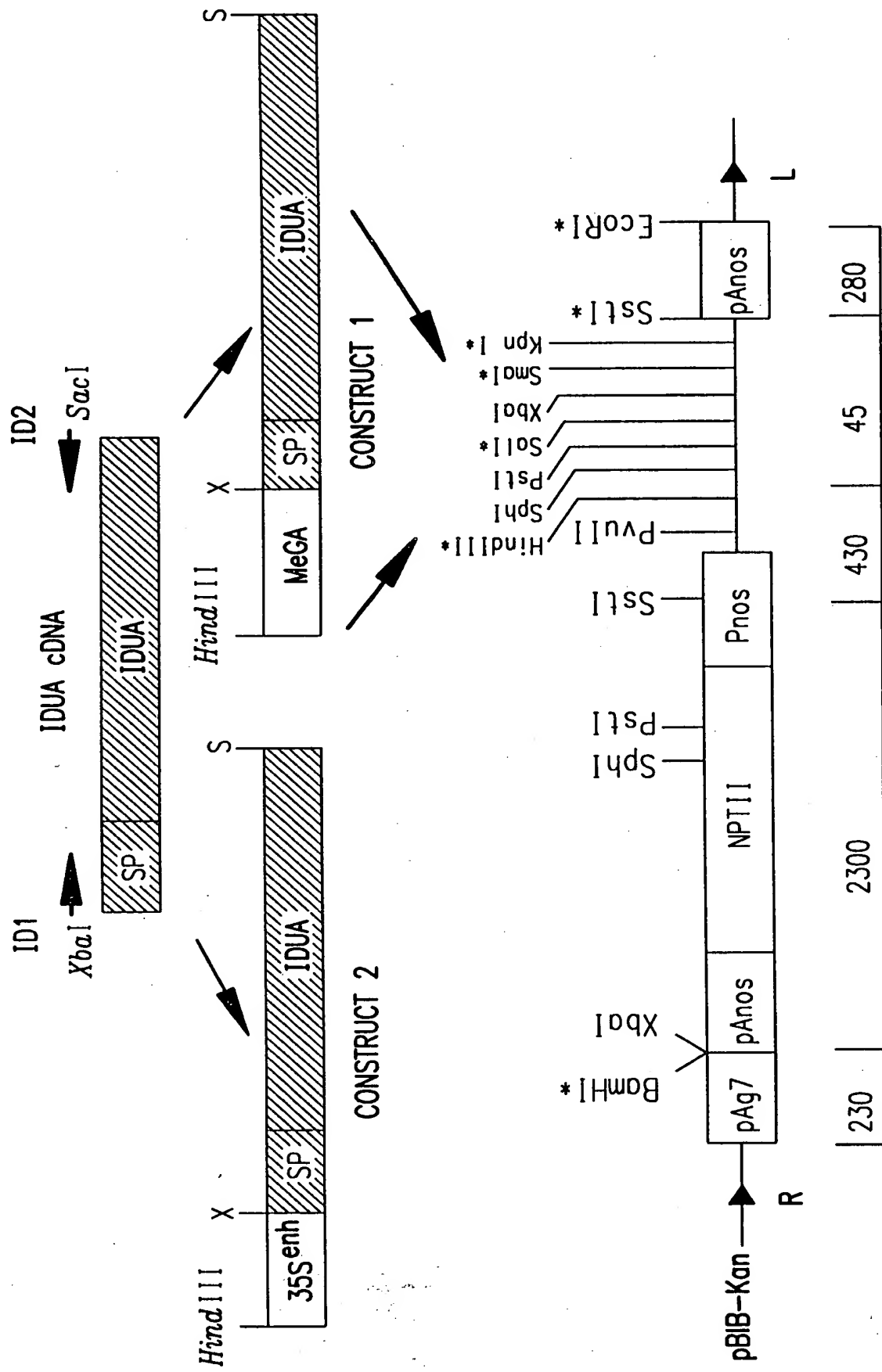


FIG.12

FIG.13A



FIG.13B



FIG.13C

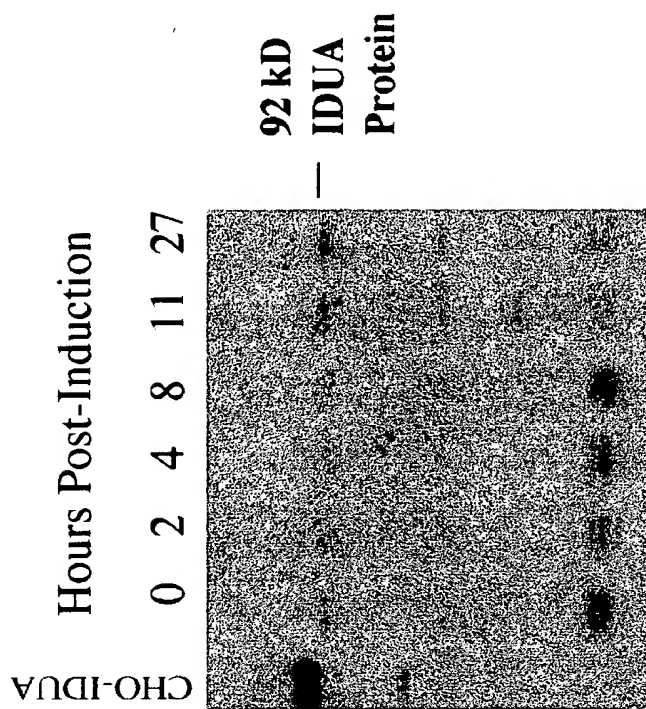


FIG.14B

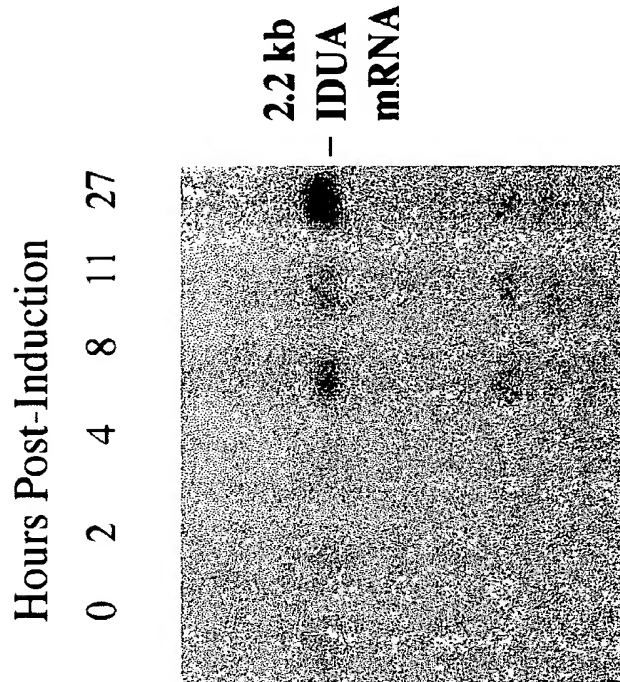


FIG.14A

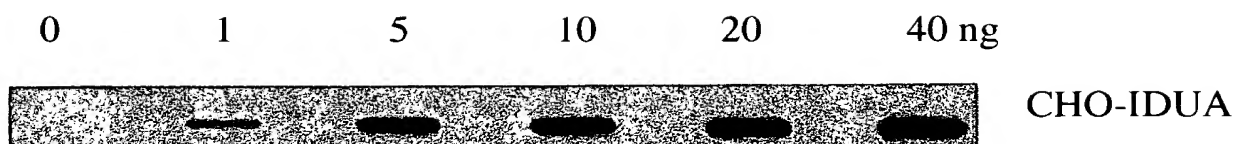


FIG.15A

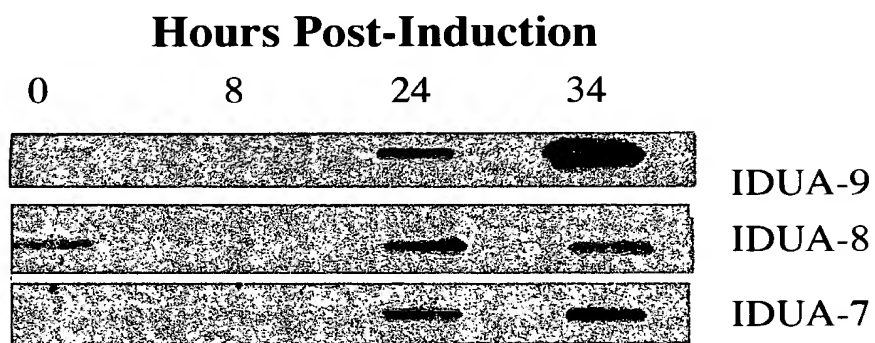


FIG.15B

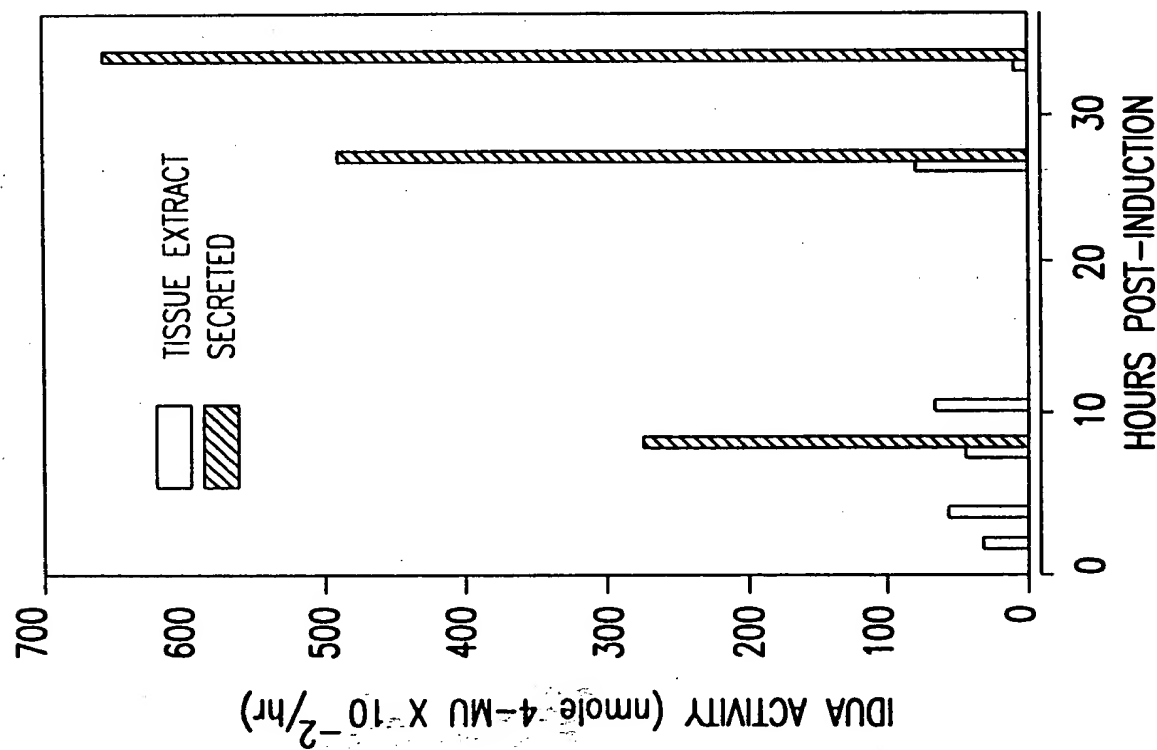


FIG. 16A

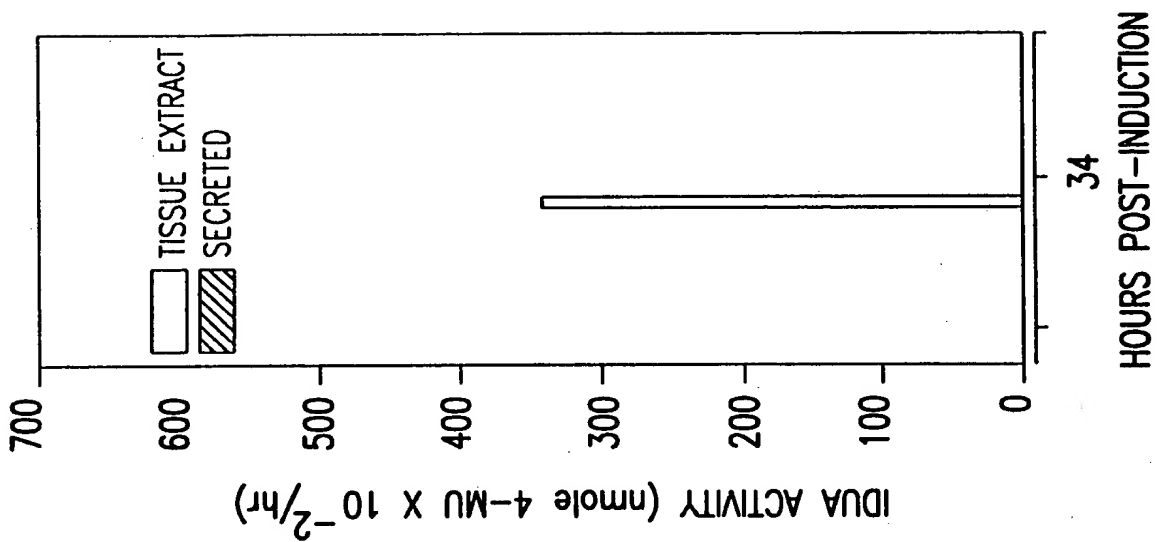
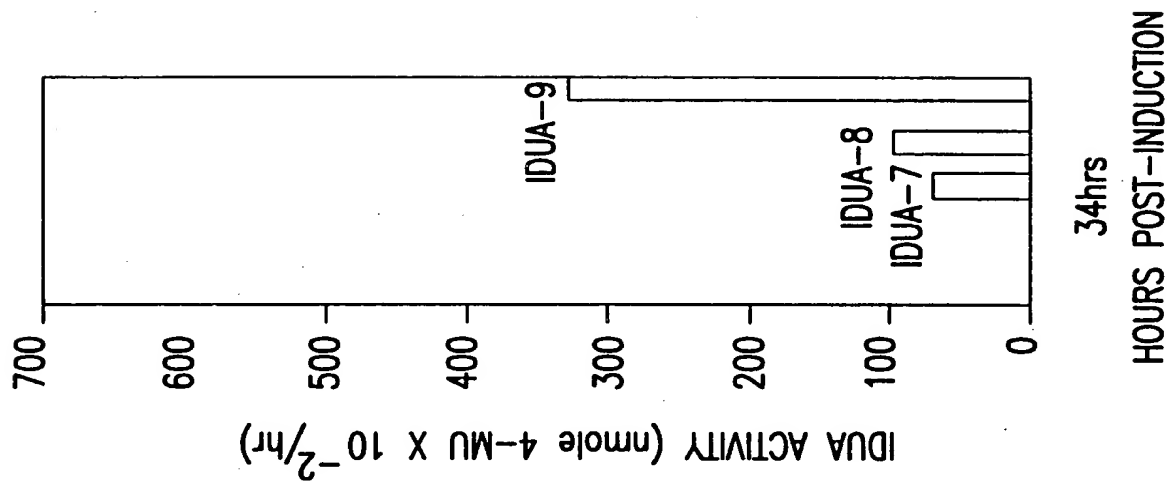
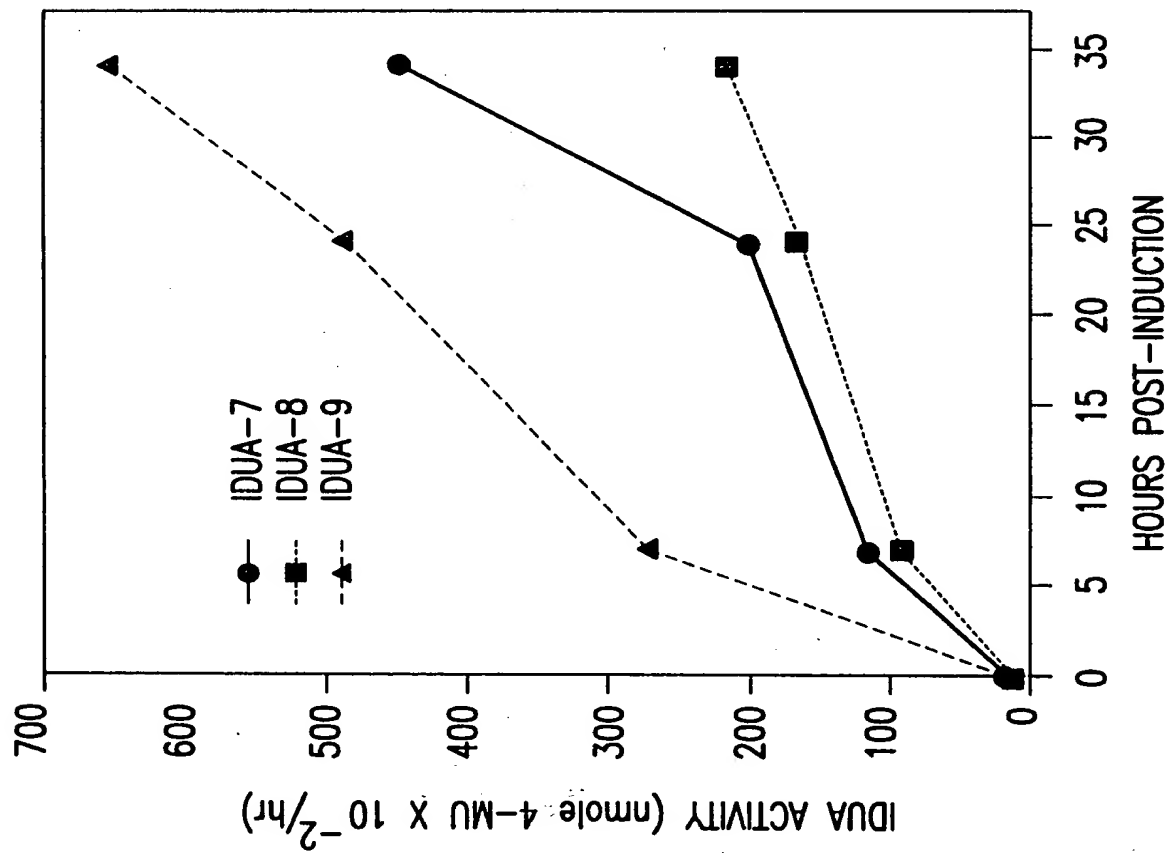


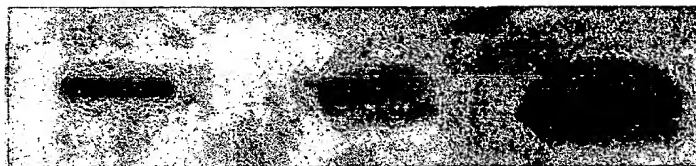
FIG. 16B



1

2

3



24

26

36

Hours Post-Induction

FIG.18

90	110
ATGCGTCCCTGCGCCCCCGCGCGCTGCT	
130	170
GGCGCTCCTGGCCTCGCTCCTGGCCGCCCGGCGGCCCCGGCCGAGCCCCGCACCT	
150	
190	230
GGTGCAgGTGGACGGCGCCCGCGCTGTGGCCCCCTGCGGCGCTTCTGGAGGAGCACAGG	
210	
250	290
CTTCTGCCCCCGCTGCCACACAGCCAGGCTGACCAGTACGTCTCAGCTGGACCAGCA	
270	
310	350
GCTCAACCTCGCCTATGTGGCGCCGTCCTCACCGCGGCATCAAGCAGGTCCGGACCCA	
330	
370	410
CTGGCTGCTGGAGCTTGTCACCACAGGGGGTCCACTGGACGGGGCTGAGCTACAATT	
390	
430	470
CACCCACCTGGACGGTACTTGACCTTCTCAGGGAGAACCACTCTCCAGGGTTGA	

FIG.19A

490 510 530
GCTGATGGCAGCGCCTCGGGCCACTTCACTGACTTTGAGGACAAGCAGAGTGTGTTGA

550 570 590
GTGGAAGGACTTGGTCTCCAGCCTGGCCAGGAGATACATCGGTAGGTACGGACTGGCGCA

610 630 650
TGTTTCCAAGTGGAACCTTCGAGACGTGGAATGAGCCAGACCACGACTTTGACAACGT

FIG.19B

670 690 710
CTCCATGACCATGCAAGGCTTCCTGAATACTACTACGATGCCCTGCTCGGAGGGTCTGCGCGC

730 750 770
CGCCAGCCCCGCTGCGGCTGGGAGGCCCGGGCGACTCCTTCCACACCCACCGCGATC

790 810 830
CCCGCTGAGCTGGGGCCTCCTGCGCCACTGCCACGACGGTACCAACTTCTTCACTGGGGA

850	870	890
GGCGGGCGTGCGGCTGGACTACATCTCCTCCACAGGAAGGTGCGCGCAGCTCCATCTC		
910	930	950
CATCCTGGAGCAGGAGAAGGTGTCGTGCGGCAgAGATCCGGCAGCTCTTCCCCAAGTTCCG		
970	990	1010
GGACACCCCATTTACAACGACGAGGCGGACCCCGCTGGTGGCTGGTCCCTGCCACAGCC		
1030	1050	1070
GTGGAGGCGGACGTGACCTACGCGGCCCATGGTGTGAAGGTCAATCGCGCAGCATCAGAA		
1090	1110	1130
CCTGCTACTGGCCAACACCACTCCGCCCTTCCCCTACGGGCTCCTGAGCAACGACAATGC		
1150	1170	1190
CTTCCTGAGCTACCAACCCGCAACCCCTTCGCGCAGCGCACGCTCACCGCGGCTTCCAGGT		
1210	1230	1250
CAACAACACCCGCCCGCCGACGTGCAGCTGTTGCGCAAGCCGGTGCTCACGGCCATGGG		

FIG.19C

1270	1290	1310
GCTGCTGGCGCTGCTGGATGAGGAGCAGCTCTGGGCCGGAAGTGTCCGAGGCCGGACCGT		
1330	1350	1370
CCTGGACAGCAACACACGGTGGGCGTCTCTGGCCAGCGCCACCGCCCCCAGGGCCCCGGC		
1390	1410	1430
CGACGCCCTGGCGGCCGCGGTGCTGATCTACGCGAGCGACACCCGCGCCACCCCAA		
1450	1470	1490
CCGCAGCGTCGCGGTGACCCCTGCGGGCTGCGCGGGGTGCCCCCCCGGGCCCTGGTCTA		
1510	1530	1550
CGTCACGGCTACCTGGACAACGGGCTCTGCAGCCCCGACGGCGAGTGGCGCGCCTGGG		
1570	1590	1610
CCGGCCCCGTCTTCCCCACGGCAGAGCAGTTCCGGCGCATGCCGCGGGCTGAGGACCCGGT		

FIG.19D

1630	1650	1670
GGCCGGCGCCCCCGCCCTTACCCGGCGCGCGCCCTGACCCCTGCGCCCCCGCGCTGCG		
1690	1710	1730
GCTGCCGTGCGCTTTTGCTGGTGACAGTGTGTGCGCGCCCCGAGAACGCCCGCGGCAAGT		
1750	1770	1790
CACGGGCTCCGGCGCCCTGCCCTGACCCAAAGGCAGCTGTTCTGTGCTGGTCGGATGA		
1810	1830	1850
ACACGTGGGCTCCAAGTGCCTGTGGACATACGAGATCCAGTTCCTCAGGACGGTAAGGC		
1870	1890	1910
GTACACCCCGGTCAGCAGGAAGCCATCGACCTTCAACCTCTTTGTGTTACGCCAGACAC		
1930	1950	1970
AGGTGCTGCTCTGGCTCCTACCGAGTTCGAGCCCTGGACTACTGGGCCCCGACGAGCCCC		
1990	2010	2030
CTTCTCGGACCCCTGTGCCGTACCTGGAGGTCCCTGTGTGCCAAGAGGGCCCCCATCCCCGGG		

FIG.19E

2050 2070 2090
CAATCCATGAGCCTGTGCTGAGCCCCCAGTGGGTTGCACCTCCACCGGCAGTCAGCGAGCT

2110 2130 2150
GGGGCTGCACTGTGCCCCATGCTGCCCTCCCATCACCCCCCTTTGCAATATATTTT

FIG.19F

10	30	50
MRPLRPRAALLALLASLLAAPPVAPAEAPHLVHVDAAARALWPLRRFWRSTGFCPPLPHSQ		
70	90	110
ADQYVLSWDQQNLAYVGAVPHRGIKQVRTHWLLELVTTTRGSTGRGLSYNFTHLDGTLDL		
130	150	170
LRENQLLPGFELMGASGHFTDFEDKQQVFWEKDLVSSLARRYIGRYGLAHVSKWNFETW		
190	210	230
NEPDHDFDNVSMTMQGFNLNYDACSEGLRAASPALRLGGPGDSFHTPPRPLSWGLLRH		
250	270	290
CHDGTNFFTGEAGVRLDYISLHRKGARSSISILEQEKVVAQEI RQLFPKFADTPIYNDEA		
310	330	350
DPLVGWSLPQPWRADVTYAAMVVKVIAQHQNLLANTTSAPFYALLSNDNAFLSYHHPHF		
370	390	410
AQRTLTARFQVNNTRPPHVQLLRKPVLTAMGLLALDEEQLWAEVSEQAGTVLDSNHTVGV		

FIG.20A

430	450	470
LASAH	PPQGPADAWRAAVLIYASDDTRAHPNRSVAVTLRLRGVPPGPGGLVYVTRYLDNGL	
490	510	530
CSPDGEWRR	LG	GRPVFPTAEQFRRMRAEDPVAAAPRPLPAGGR
		LT
		LRPALRPSLLLVHV
550	570	590
CARPEKPPGQV	TRLRALPLTQGQLVLSDEHVGSKCLWY	EIQFSQDGKAYTPVSRKPS
610	630	650
TENLFVFS	PDTGAVSGSYRVRALDYWARPGFSD	VPYLEVPVPRGPPSPGNP

FIG.20B

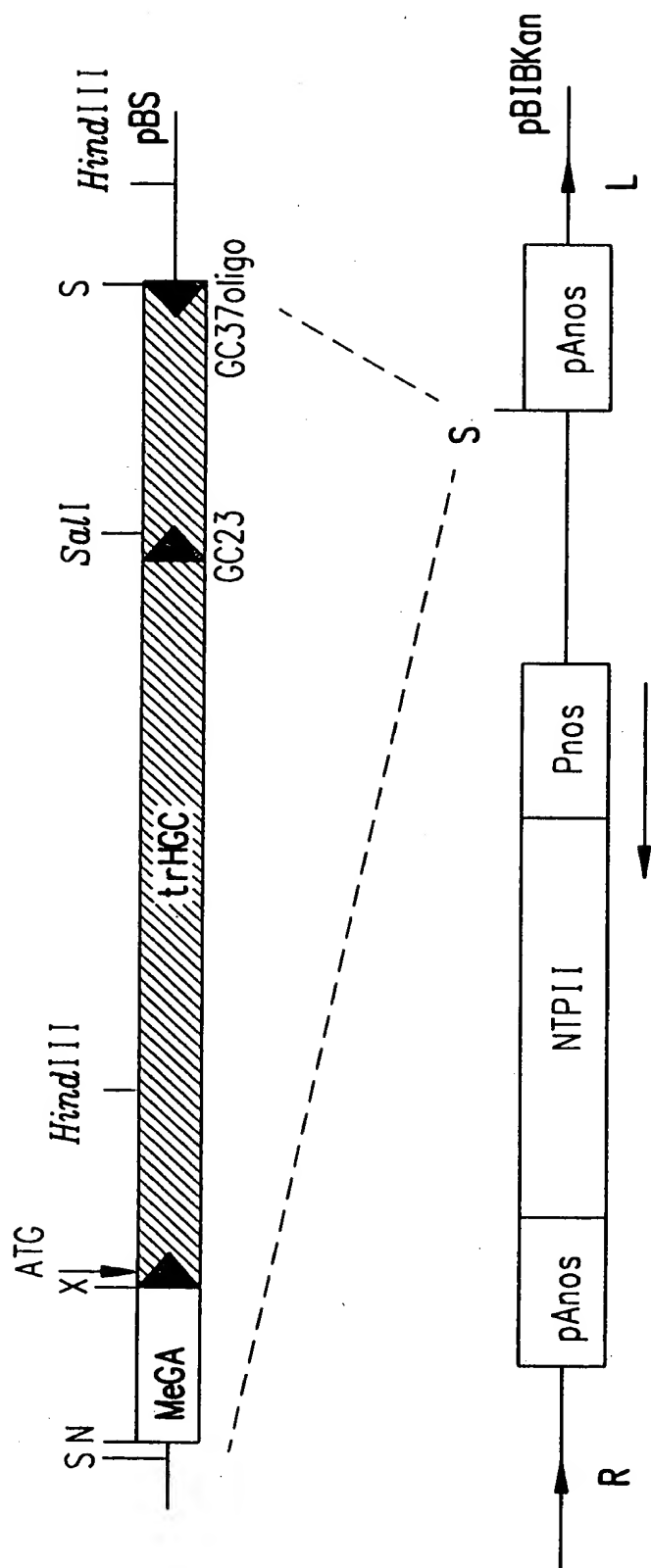


FIG.21